

## DAT notes for 3 March 2011

Attendees: Angela Llaban, Francine Mejia and Reza Shahcheraghi (DWR), Geir Aasen and Julio Adib-Samii (DFG), Barbara Byrne (NMFS), Lucinda Shih (CCWD), Jonathan Speegle, Nick Hindman and Leigh Bartoo (USFWS), Terry Erlewine (SWC), Owen Lu (MWD), Thuy Washburn (USBR)

### DFG & USFWS TRAP REPORT

At Red Bluff, we're continuing to see high numbers of fall-run Chinook passage. Passage to date:

Fall-run = 5,842,512; Late-fall = 187,910, Winter-run = 1,312,908; Spring-run = 101,899 and Steelhead = 729.

Downstream at Knight's Landing, average flows are 12,900 cfs, average temperature is 49.3F and average turbidity = 19.3 NTU. There was a decrease in total catch since last week. The majority of Chinook caught at Knight's Landing are fall-run sized fish.

Chinook monitoring data can be found at: <http://www.water.ca.gov/swp/operationscontrol/calfed/calfedmonitoring.cfm>

### USFWS TRAWL & SEINE REPORT

Salmonids- USFWS Trawl and Seine Report for 02/20/2011 to 02/26/2011				
Species*	Chipps Is MWTR	Sacramento KDTR	Mossdale KDTR	Beach Seines
CHNF	0	56	0	436
CHNLF	0	0	0	0
CHNW	1	3	0	2
CHNS	0	13	0	13
CHN hatchery	0	1	0	0
SH - wild	0	0	0	0
SH - hatchery	15	3	0	1
*Species based on FL only; Adipose Clips indicates hatchery stock; Non-Adipose Clip indicates in-river origin Field sampling seasons for all trawls and seines begins 1 August 2010 and ends 31 July 2011.				

Smelts and Others- USFWS Trawl and Seine Report for 02/20/2011 to 02/26/2011								
Species	Chipps Is		Sacramento		Mossdale		Beach Seine	
	#	Size Range	#	Size Range	#	Size Range	#	Size Range
DSM	7	63-81mm	0	-	0	-	0	
LFS	1		0		0		0	
SPT	1		0		0		0	
GST	0		0		0		0	
WST	0		0		0		0	

## SALVAGE REPORT

Salvage report for 02/22/2011 to 02/27/2011								
Species	CVP Adipose Clip Hatchery		CVP Non-Adipose Clip Wild		SWP Adipose Clip Hatchery		SWP Non-Adipose Clip Wild	
	Salvage	Loss	Salvage	Loss	Salvage	Loss	Salvage	Loss
CHNF	0	0	32	23	0	0	0	0
Total to Date	36	25	473	288	94	401	64	261
CHNLF	0	0	0	0	0	0	0	0
Total to Date	224	154	160	105	469	2009	36	152
CHNW	4	3	76	60	12	54	119	519
Total to Date	107	73	393	268	269	1157	417	1818
CHNS	0	0	0	0	0	0	0	0
Total to Date	0	0	12	7	0	0	4	17
Sum of all Races to Date	367	252	1039	668	832	3567	521	2248
SH	32	-	19	-	78	-	48	-
Total to Date	138	-	39	-	309	-	126	-
*Species based on FL only; Adipose Clips indicates hatchery stock; Non-Adipose Clip indicates in-river origin								

One Delta Smelt was salvaged at the federal facility, but not at the state facility (seasonal total CVP=12, SWP=0). No Longfin Smelt were salvaged at either facility (seasonal total CVP=4, SWP=0). Splittail were salvaged at the state facility but not at the federal facilities (CVP= 0, seasonal total = 221; SWP =54, seasonal total =1096). No white or green sturgeon were salvaged at either facility.

Combined season total loss of winter-run length non-clipped Chinook is 2,086. The 2 % incidental take level is 6,640. The combined season total salvage for non-clipped Steelhead is 165. The consultation criterion for non-clipped Steelhead is 3,000.

### SMELT MONITORING

The SLS # is being conducted this week. Previous results are being processed and will be posted to the website. The SKT #3 will begin Monday 3/7.

Smelt Larvae Survey data have been posted to <http://www.dfg.ca.gov/delta/projects.asp?ProjectID=SLS>

Spring Kodiak Trawl data have been posted to <http://www.dfg.ca.gov/delta/projects.asp?ProjectID=SKT>.

### SMELT WORKING GROUP

The SWG made no recommendations for delta smelt or longfin smelt.

### DOSS

On Tuesday, 3/1/11, DOSS confirmed that three consecutive days (2/25-2/27) of older juvenile loss density less than the second stage trigger level of 6.64 fish/TAF allowed relaxation of OMR management to a limit of -3,500 cfs as early as 2/28/2011. DOSS also confirmed that the older juvenile loss density of 7.88 fish/TAF on 2/28 required that OMR management return to the limit of -2,500 cfs no later than Thursday, 3/3/11. The DOSS advice to WOMT and NMFS is to manage operations to target an OMR flow no more negative than -2,500 cfs starting Thursday 3/3/11 through Monday 3/7/11 for a minimum of 5 consecutive days. On Tuesday, 3/8/2011, DOSS will review the recent export, OMR flow, and fish loss data and determine if further actions are warranted.

A question was brought up to clarify the 1<sup>st</sup> and 2<sup>nd</sup> stage trigger for Action IV.2.3. Currently we are tracking trigger #1 which is the JPE based limit for older juvenile Chinook loss density.

## OPERATIONS

Summary for March 3, 2011			
SWP		CVP	
Clifton Court (cfs)	4,500	Jones Pumping Plant (cfs)	4,000
Outflow (cfs)	36,500	American- Nimbus (cfs)	8,000 → 7,000
Oroville (cfs)	1,750	Keswick (cfs)	3,900
San Luis Total (TAF)	2,012	Goodwin (cfs)	200
San Luis Share(TAF)	1,042	San Luis Share (TAF)	971
X2 (Km)	61.4		
E/I (%)	18.9		
OMR (daily)	-2,988		
OMR 5 day (cfs)	-2,074		
OMR 14 day (cfs)	-3,101		

Daily operations summary can be viewed at: <http://www.water.ca.gov/swp/operationscontrol/docs/delta/deltaops.pdf>

Another question came up regarding the status of San Luis Reservoir. The state is currently filling, but the rate depends on several factors. It is likely that the SWP will fill their share during the next week or two.

It was mentioned that there have been discussions among the stakeholders in regards to forming the new DCT (Delta Conditions Team) as prescribed by the recent delta smelt litigation settlement. Stakeholders have communicated with USBR and DWR and aim to have the group ready in a couple weeks. Discussions relating to the DCT will continue over the next week.

Respectfully submitted,  
Angela Llaban & Cynthia LeDoux-Bloom